

THE ASTROPHYSICAL JOURNAL
CONTENTS OF VOLUME 465, PART 1

1996 JULY 1, Number 1

| | Page | Fiche |
|---|------|---------|
| ANNOUNCEMENT: FASTER PUBLICATION TIMES FOR ELECTRONIC MANUSCRIPTS AND OTHER CHANGES <i>Helmut A. Abt</i> | 1 | 163-C1 |
| UNIVERSALITY OF THE NETWORK AND BUBBLE TOPOLOGY IN COSMOLOGICAL GRAVITATIONAL SIMULATIONS <i>Capp Yess & Sergei F. Shandarin</i> | 2 | 163-C5 |
| SELF-SIMILARITY AND SCALING BEHAVIOR OF SCALE-FREE GRAVITATIONAL CLUSTERING <i>S. Colombi, F. R. Bouchet, & L. Hernquist</i> | 14 | 163-D7 |
| EIGENMODE ANALYSIS OF GALAXY REDSHIFT SURVEYS. I. THEORY AND METHODS <i>Michael S. Vogeley & Alexander S. Szalay</i> | 34 | 163-F3 |
| A SYMPLECTIC APPROACH TO GRAVITATIONAL INSTABILITY <i>J. Perez & M. Lachièze-Rey</i> | 54 | 163-G14 |
| LENSMEM: A GRAVITATIONAL LENS INVERSION ALGORITHM USING THE MAXIMUM ENTROPY METHOD <i>Sylvanie Wallington, Christopher S. Kochanek, & Ramesh Narayan</i> | 64 | 164-A13 |
| STATISTICAL CONNECTIONS BETWEEN THE PROPERTIES OF TYPE Ia SUPERNOVAE AND THE $B-V$ COLORS OF THEIR PARENT GALAXIES, AND THE VALUE OF H_0 <i>David Branch, W. Romanishin, & E. Baron</i> | 73 | 164-B12 |
| DETECTION OF THE TIP OF THE RED GIANT BRANCH IN NGC 5128 <i>Roberto Soria, Jeremy R. Mould, Alan M. Watson, John S. Gallagher III, Gilda E. Ballester, Christopher J. Burrows, Stefano Casertano, John T. Clarke, David Crisp, Richard E. Griffiths, J. Jeff Hester, John G. Hoessel, Jon A. Holtzman, Paul A. Scowen, Karl R. Stapelfeldt, John T. Trauger, & James A. Westphal</i> | 79 | 164-C7 |
| POTENTIAL-DENSITY BASIS SETS FOR GALACTIC DISKS <i>David J. D. Earn</i> | 91 | 164-D8 |
| STELLAR AND GASEOUS KINEMATICS OF SEYFERT GALAXIES. II. THE ROLE OF THE BULGE <i>Charles H. Nelson & Mark Whittle</i> | 96 | 164-E3 |
| RADIO CONSTRAINTS ON RELATIVISTIC BEAMING MODELS OF BL LACERTAE OBJECTS <i>R. I. Kollgaard, C. Palma, S. A. Laurent-Muehleisen, & E. D. Feigelson</i> | 115 | 164-F11 |
| MONTÉ CARLO SIMULATIONS OF DUSTY SPIRAL GALAXIES: EXTINCTION AND POLARIZATION PROPERTIES <i>Simone Bianchi, Andrea Ferrara, & Carlo Giovanardi</i> | 127 | 164-G12 |
| KECK SPATIALLY RESOLVED SPECTROPOLARIMETRY OF THE DISTANT RADIO GALAXY 3C 324 <i>Andrea Cimatti, Arjun Dey, Wil van Breugel, Robert Antonucci, & Hyron Spinrad</i> | 145 | 165-B5 |
| ON THE ORIGIN OF THE ULTRAVIOLET CONTINUUM EMISSION FROM THE HIGH-REDSHIFT RADIO GALAXY 3C 256 <i>Arjun Dey, Andrea Cimatti, Wil van Breugel, Robert Antonucci, & Hyron Spinrad</i> | 157 | 165-C6 |
| HIGH-RESOLUTION ^{13}CO AND $\text{C}^{18}\text{O } J=1-0$ OBSERVATIONS OF NGC 1068: MOLECULAR GAS PROPERTIES AND A HIGH $\text{C}^{18}\text{O}/^{13}\text{CO}$ INTENSITY RATIO <i>Padelis P. Papadopoulos, E. R. Seaquist, & N. Z. Scoville</i> | 173 | 165-D12 |
| THE SOFT AND MEDIUM-ENERGY X-RAY VARIABILITY OF NGC 5548: A REANALYSIS OF EXOSAT OBSERVATIONS <i>G. Tagliaferri, G. Bao, G. L. Israel, L. Stella, & A. Treves</i> | 181 | 165-E9 |
| HIGH-RESOLUTION MID-INFRARED IMAGING OF INFRARED-LUMINOUS GALAXIES <i>J. W. Miles, J. R. Houck, T. L. Hayward, & M. L. N. Ashby</i> | 191 | 165-F8 |
| PROBING THE INTERSTELLAR MEDIUM OF THE SUPERBUBBLE LMC2 IN THE LARGE MAGELLANIC CLOUD. I. Ti II AND Ca II ABSORPTION LINES <i>Adeline Caulet & Ray Newell</i> | 205 | 165-G11 |

| | Page | Fiche |
|---|------|---------|
| A TWO-WIND INTERACTION MODEL FOR PROPLYDS <i>W. J. Henney, A. C. Raga, S. Lizano, & S. Curiel</i> | 216 | 166-A12 |
| STELLAR CONTENT OF SUPERBUBBLE H II REGIONS IN THE LARGE MAGELLANIC CLOUD <i>M. S. Oey</i> | 231 | 166-C3 |
| THE TRANSLUCENT MOLECULAR CLOUDS TOWARD HD 154368. I. EXTINCTION, ABUNDANCES, AND DEPLETIONS <i>Theodore P. Snow, John H. Black, Ewine F. van Dishoeck, Geoffrey Burks, Richard M. Crutcher, Barry L. Lutz, Margaret M. Hanson, & Ralph Y. Shuping</i> | 245 | 166-D6 |
| ASTROMETRIC DETECTION OF EXTRASOLAR PLANETS: RESULTS OF A FEASIBILITY STUDY WITH THE PALOMAR 5 METER TELESCOPE <i>Steven H. Prato & Stuart B. Shaklan</i> | 264 | 166-F1 |
| FOSSIL SIGNATURES OF ANCIENT ACCRETION EVENTS IN THE HALO <i>Kathryn V. Johnston, Lars Hernquist, & Michael Bolte</i> | 278 | 166-G4 |
| DISCOVERY OF O VI EMISSION FROM THE GALACTIC CORONA WITH THE HOPKINS ULTRAVIOLET TELESCOPE <i>W. Van Dyke Dixon, Arthur F. Davidsen, & Henry C. Ferguson</i> | 288 | 167-A1 |
| CORONAL GAS IN THE HALO. II. ORFEUS OBSERVATIONS OF GALACTIC HALO STARS <i>M. Hurwitz & S. Bowyer</i> | 296 | 167-A12 |
| HOT ONE-TEMPERATURE ACCRETION FLOWS AROUND BLACK HOLES <i>Ann A. Esin, Ramesh Narayan, Eve Ostriker, & Insu Yi</i> | 312 | 167-C3 |
| HARMONY IN ELECTRONS: CYCLOTRON AND SYNCHROTRON EMISSION BY THERMAL ELECTRONS IN A MAGNETIC FIELD <i>Rohan Mahadevan, Ramesh Narayan, & Insu Yi</i> | 327 | 167-D7 |
| THEORETICAL STATISTICS OF ZERO-AGE CATAclysmic VARIABLES <i>Michael Politano</i> | 338 | 167-E7 |
| TOWARD RESOLVING THE "MASS DISCREPANCY" IN O-TYPE STARS <i>Thierry Lanz, Alex de Koter, Ivan Hubeny, & Sara R. Heap</i> | 359 | 167-G3 |
| SEARCH FOR OPTICALLY THICK H II REGIONS AND IONIZED STELLAR WIND FROM LUMINOUS EMBEDDED INFRARED SOURCES <i>T. N. Rengarajan & P. T. P. Ho</i> | 363 | 167-G10 |
| THE ϵ AURIGAE SECONDARY: A HYDROSTATICALLY SUPPORTED DISK <i>Jack L. Lissauer, Scott J. Wolk, Caitlin A. Griffith, & Dana E. Backman</i> | 371 | 168-A7 |
| EGRET OBSERVATIONS OF HIGH-ENERGY GAMMA RADIATION FROM PSR B1706-44 <i>D. J. Thompson, M. Bailes, D. L. Bertsch, J. A. Esposito, C. E. Fichtel, A. K. Harding, R. C. Hartman, S. D. Hunter, R. N. Manchester, J. R. Mattox, C. von Montigny, R. Mukherjee, P. V. Ramanamurthy, P. Streekumar, J. M. Fierro, Y. C. Lin, P. F. Michelson, P. L. Nolan, G. Kanbach, H. A. Mayer-Hasselwander, M. Merck, D. A. Kniffen, E. J. Schneid, V. M. Kaspi, S. Johnston, J. Daugherty, & M. Ruderman</i> | 385 | 168-B10 |
| NONLINEAR ALFVÉN WAVES ASSOCIATED WITH FILAMENT CURRENTS IN WEAKLY IONIZED PLASMAS <i>M. Suzuki & J. I. Sakai</i> | 393 | 168-C8 |
| ABSORPTION OF p -MODES BY SLENDER MAGNETIC FLUX TUBES AND p -MODE LIFETIMES <i>T. J. Bogdan, B. W. Hindman, P. S. Cally, & P. Charbonneau</i> | 406 | 168-D10 |
| ON THE MULTIFRACTAL DISTRIBUTION OF SOLAR MAGNETIC FIELDS <i>J. K. Lawrence, A. C. Cadavid, & A. A. Ruzmaikin</i> | 425 | 168-F5 |
| OBSERVATIONS OF MAGNETOHYDRODYNAMIC OSCILLATIONS IN THE SOLAR ATMOSPHERE WITH PROPERTIES OF ALFVÉN WAVES <i>Roger K. Ulrich</i> | 436 | 168-G5 |
| NONLINEAR ALFVÉN WAVE PROPAGATION IN THE SOLAR WIND <i>Y.-T. Lau & E. Siregar</i> | 451 | 169-A10 |
| DIAGNOSTICS OF CLOSED MAGNETIC STRUCTURES IN THE SOLAR CORONA USING CHARGE STATES OF HELIUM AND OF MINOR IONS <i>R. O. Neucomm & P. Bochsler</i> | 462 | 169-B10 |
| THE POSITRONIUM RADIATIVE COMBINATION SPECTRUM: CALCULATION IN THE LIMIT OF THERMAL POSITRONS AND LOW DENSITIES <i>P. Wallyn, W. A. Mahoney, Ph. Durouchoux, & C. Chapuis</i> | 473 | 169-C10 |

CONTENTS

v

| | Page | Fiche |
|--|------|---------|
| ATOMIC DATA FOR ASTROPHYSICS. II. NEW ANALYTIC FITS FOR PHOTOIONIZATION CROSS SECTIONS OF ATOMS AND IONS <i>D. A. Verner, G. J. Ferland, K. T. Korista, & D. G. Yakovlev</i> | 487 | 169-D13 |
| NEW INSTRUCTIONS TO AUTHORS | i | 169-F1 |
| 1996 JULY 10, Number 2 | | |
| TOPOLOGY OF LARGE-SCALE STRUCTURE BY GALAXY TYPE: HYDRODYNAMIC SIMULATIONS <i>J. Richard Gott III, Renyue Cen, & Jeremiah P. Ostriker</i> | 499 | 172-C1 |
| NONISOTHERMAL X-RAY-EMITTING GAS IN CLUSTERS OF GALAXIES <i>Mark J. Henriksen & Raymond E. White III</i> | 515 | 172-D6 |
| IS A HARRISON-ZELDOVICH POWER SPECTRUM COMPATIBLE WITH THE TENERIFE COSMIC MICROWAVE BACKGROUND EXPERIMENT? <i>F. Atrio-Barandela & L. Cayón</i> | 523 | 172-E3 |
| MERGING OF GALAXIES WITH CENTRAL BLACK HOLES. I. HIERARCHICAL MERGINGS OF EQUAL-MASS GALAXIES <i>Junichiro Makino & Toshikazu Ebisuzaki</i> | 527 | 172-E10 |
| BRIGHTEST CLUSTER GALAXY SHAPES <i>Alister Graham, Tod R. Lauer, Matthew Colless, & Marc Postman</i> | 534 | 172-F7 |
| COSMOLOGICAL BLAST WAVES AND THE INTERGALACTIC MEDIUM <i>G. Mark Voit</i> | 548 | 172-G13 |
| LIGHT DEFLECTION BY LARGE-SCALE STRUCTURE AND COSMIC MICROWAVE BACKGROUND <i>José A. Muñoz & Miguel Portilla</i> | 562 | 173-B2 |
| GRAVITATIONAL RADIATION AND VERY LONG BASELINE INTERFEROMETRY <i>Ted Pyne, Carl R. Gwinn, Mark Birkinshaw, T. Marshall Eubanks, & Demetrios N. Matsakis</i> | 566 | 173-B9 |
| TESTS OF LOCAL REDSHIFT-DISTANCE LAWS ON THE BASIS OF A COMPLETE OPTICAL SAMPLE <i>I. E. Segal & J. F. Nicoll</i> | 578 | 173-C10 |
| CORRELATION STATISTICS OF IRREGULAR AND SPIRAL GALAXIES MAPPED IN H I <i>E. E. Salpeter & G. Lyle Hoffman</i> | 595 | 173-E2 |
| HYDRODYNAMIC SIMULATIONS OF GALAXY FORMATION. II. PHOTOIONIZATION AND THE FORMATION OF LOW-MASS GALAXIES <i>Anne A. Thoul & David H. Weinberg</i> | 608 | 173-F4 |
| THE "GHOST OF Ly α " AS EVIDENCE FOR RADIATIVE ACCELERATION IN QUASARS <i>Nahum Arav</i> | 617 | 173-G3 |
| Mg II ABSORBING GALAXIES: HALOS OR DISKS? <i>Jane C. Charlton & Christopher W. Churchill</i> | 631 | 174-A6 |
| ANTICORRELATION OF VARIABILITY AMPLITUDE WITH X-RAY LUMINOSITY FOR ACTIVE GALACTIC NUCLEI <i>Gang Bao & Marek A. Abramowicz</i> | 646 | 174-B10 |
| THE PROPERTIES OF X-RAY-SELECTED ACTIVE GALACTIC NUCLEI. IV. THE LOCAL OPTICAL LUMINOSITY FUNCTION OF BROAD-LINE ACTIVE GALACTIC NUCLEI <i>Roberto Della Ceca, Giovanni Zamorani, Tommaso Maccacaro, Giancarlo Setti, & Anna Wolter</i> | 650 | 174-C3 |
| SPALLATION IN ACTIVE GALACTIC NUCLEI <i>Mercè Crosas & Jon Weisheit</i> | 659 | 174-D1 |
| AN X-RAY AND OPTICAL STUDY OF CLUSTERS IN FORMATION <i>Mark Henriksen & Christine Jones</i> | 666 | 174-D11 |
| KINEMATIC EVIDENCE FOR SUPERBUBBLES IN I Zw 18: CONSTRAINTS ON THE STAR FORMATION HISTORY AND CHEMICAL EVOLUTION <i>Crystal L. Martin</i> | 680 | 174-F1 |
| MILLIMETER RECOMBINATION LINE EMISSION IN THE STARBURST GALAXY M82 <i>E. R. Seaquist, J. E. Carlstrom, P. M. Bryant, & M. B. Bell</i> | 691 | 174-G4 |
| INTERSTELLAR PROPERTIES OF A DUAL NUCLEAR STARBURST: FAR-INFRARED SPECTROSCOPY OF M82 <i>S. D. Lord, D. J. Hollenbach, M. R. Haas, R. H. Rubin, S. W. J. Colgan, & E. F. Erickson</i> | 703 | 175-A8 |

| | Page | Fiche |
|--|------|---------|
| HUBBLE SPACE TELESCOPE ULTRAVIOLET IMAGING AND SPECTROSCOPY OF THE BRIGHT STARBURST IN THE WOLF-RAYET GALAXY NGC 4214 <i>Claus Leitherer, William D. Vacca, Peter S. Conti, Alexei V. Filippenko, Carmelle Robert, & Wallace L. W. Sargent</i> | 717 | 175-B11 |
| HUBBLE SPACE TELESCOPE OBSERVATIONS OF THE SEYFERT GALAXY NGC 3783: DISCOVERY OF VARIABLE C IV ABSORPTION <i>Stephen P. Maran, D. Michael Crenshaw, Richard F. Mushotzky, Gail A. Reichert, Kenneth G. Carpenter, Andrew M. Smith, John B. Hutchings, & Ray J. Weymann</i> | 733 | 175-D2 |
| C⁺ EMISSION FROM THE MAGELLANIC CLOUDS. I. THE BRIGHT H II REGION COMPLEXES N159 AND N160 <i>F. P. Israel, P. R. Maloney, N. Geis, F. Herrmann, S. C. Madden, A. Poglitsch, & G. J. Stacey</i> | 738 | 175-D10 |
| HUBBLE SPACE TELESCOPE NARROWBAND IMAGING OF THE PLANETARY NEBULA SMP 83/WS 35/N66 <i>E. Vassiliadis</i> | 748 | 175-E9 |
| DISK M DWARF LUMINOSITY FUNCTION FROM HUBBLE SPACE TELESCOPE STAR COUNTS <i>Andrew Gould, John N. Bahcall, & Chris Flynn</i> | 759 | 175-F9 |
| ON THE ORIGIN OF SMALL-SCALE STRUCTURE IN SELF-GRAVITATING TWO-PHASE GAS <i>Hideyuki Kamaya</i> | 769 | 175-G8 |
| WAVE PROPAGATION IN MOLECULAR CLOUDS <i>Dinshaw S. Balsara</i> | 775 | 176-A3 |
| ON THE STABILITY OF INTERSTELLAR CARBON CLUSTERS: THE RATE OF THE REACTION BETWEEN C₃ AND O <i>David E. Woon & Eric Herbst</i> | 795 | 176-B12 |
| ON THE ORIGIN OF STRONG MAGNETIC FIELDS IN YOUNG SUPERNOVA REMNANTS <i>Byung-Il Jun & Michael L. Norman</i> | 800 | 176-C6 |
| A C¹⁸O SURVEY OF DENSE CLOUD CORES IN TAURUS: CORE PROPERTIES <i>Toshikazu Onishi, Akira Mizuno, Akiko Kawamura, Hideo Ogawa, & Yasuo Fukui</i> | 815 | 176-D10 |
| A SEARCH FOR STAR FORMATION IN THE TRANSLUCENT CLOUD MBM 40 <i>Loris Magnani, Jean-Pierre Caillault, Thomas Hearty, John Stauffer, J. H. M. M. Schmitt, Ralph Neuhauser, Frances Verter, & Eli Dwek</i> | 825 | 176-E10 |
| A STUDY OF THE EVOLUTIONARY STATE OF THE SUPERNOVA REMNANT G299.2-2.9 <i>Patrick Slane, Olaf Vancura, & John P. Hughes</i> | 840 | 176-G1 |
| INTERACTION OF SHEAR-ALFVÉN WAVE PACKETS: IMPLICATION FOR WEAK MAGNETOHYDRODYNAMIC TURBULENCE IN ASTROPHYSICAL PLASMAS <i>C. S. Ng & A. Bhattacharjee</i> | 845 | 176-G9 |
| MAGNETOHYDRODYNAMIC DISK-WIND CONNECTION: MAGNETOCENTRIFUGAL WINDS FROM AMBIPOLAR DIFFUSION-DOMINATED ACCRETION DISKS <i>Zhi-Yun Li</i> | 855 | 177-A8 |
| THE CRUCIAL EFFECTS OF ADVECTION ON THE STRUCTURE OF HOT ACCRETION DISKS <i>Ranjeet Misra & Fulvio Melia</i> | 869 | 177-B12 |
| NUMERICAL SIMULATIONS OF CIRCUMSTELLAR DISK CONVECTION <i>W. Cabot</i> | 874 | 177-C6 |
| GALACTIC EVOLUTION OF D AND ³He INCLUDING STELLAR PRODUCTION OF ³He <i>David S. P. Dearborn, Gary Steigman, & Monica Tosi</i> | 887 | 177-D8 |
| EGRET HIGH-ENERGY GAMMA-RAY PULSAR STUDIES. III. A SURVEY <i>H. I. Nel, Z. Arzoumanian, M. Bailes, K. T. S. Brazier, N. D'Amico, J. A. Esposito, C. E. Fichtel, J. M. Fierro, S. D. Hunter, S. Johnston, G. Kanbach, V. M. Kaspi, D. A. Kniffen, Y. C. Lin, A. G. Lyne, R. N. Manchester, J. R. Mattox, H. A. Mayer-Hasselwander, M. Merck, P. F. Michelson, D. J. Nice, P. L. Nolan, P. V. Ramanamurthy, J. H. Taylor, D. J. Thompson, & C. Westbrook</i> | 898 | 177-E8 |
| GAMMA-RAY OBSERVATIONS OF CYGNUS X-1 WITH THE ORIENTED SCINTILLATION SPECTROMETER EXPERIMENT <i>B. F. Philips, G. V. Jung, M. D. Leising, J. E. Grove, W. N. Johnson, R. L. Kinzer, R. A. Kroeger, J. D. Kurfess, M. S. Strickman, D. A. Grabelsky, S. M. Matz, W. R. Purcell, M. P. Ulmer, & K. McNaron-Brown</i> | 907 | 177-F6 |
| THE ULTRAVIOLET/OPTICAL CONTINUUM OF HERCULES X-1/HZ HERCULIS <i>S. D. Vrtilek & F. H. Cheng</i> | 915 | 177-G5 |
| STRUCTURE OF THE MOLECULAR ENVELOPE OF CRL 2688 BASED ON ¹³CO OBSERVATIONS <i>Issei Yamamura, Takashi Onaka, Fumio Kamijo, Shuji Deguchi, & Nobuharu Ukita</i> | 926 | 178-A7 |
| PULSATIONS IN THE ULTRAVIOLET AND X-RAY SPECTRA OF VELA X-1 <i>Bram Boroson, Richard McCray, Timothy Kallman, & Fumiaki Nagase</i> | 940 | 178-B12 |

CONTENTS

vii

| | Page | Fiche |
|---|------|---------|
| MAGNETIC, PHOTOMETRIC, TEMPERATURE, AND GRANULATION VARIATIONS OF ξ BOOTIS A 1984-1993 <i>David F. Gray, Sallie L. Baliunas, G. W. Lockwood, & Brian A. Skiff</i> | 945 | 178-C6 |
| ROSAT PSPC OBSERVATIONS OF THE INTERMEDIATE POLAR TV COLUMBAE <i>S. D. Vrtillek, A. Silber, F. Primini, & J. C. Raymond</i> | 951 | 178-D1 |
| PROPERTIES OF STAR 2, ONE OF THE SN 1987A COMPANIONS, DERIVED FROM HUBBLE SPACE TELESCOPE-FAINT OBJECT SPECTROGRAPH OBSERVATIONS <i>S. Scuderi, N. Panagia, R. Gilmozzi, P. M. Challis, & R. P. Kirshner</i> | 956 | 178-D9 |
| Ne v AND Ne vi LINES IN THE ULTRAVIOLET SPECTRUM OF THE SYMBIOTIC STAR RR TELESCOPII <i>B. Espey, F. P. Keenan, F. C. McKenna, W. A. Feibelman, & K. M. Aggarwal</i> | 965 | 178-E7 |
| ON USING THE WEIGHTED SLAB APPROXIMATION IN STUDYING THE PROBLEM OF COSMIC-RAY TRANSPORT <i>Vladimir S. Ptuskin, Frank C. Jones, & Jonathan F. Ormes</i> | 972 | 178-F2 |
| THE ELEMENTAL COMPOSITION OF THE GALACTIC COSMIC-RAY SOURCE: ULYSSES HIGH-ENERGY TELESCOPE RESULTS <i>M. A. DuVernois & M. R. Thayer</i> | 982 | 178-G1 |
| DETERMINATION OF THE LIFETIME OF HIGH- l SOLAR p -MODES FROM THE INTERACTION OF p -MODE WAVES WITH SUNSPOTS <i>Kuan-Rong Chen, Dean-Yi Chou, & the TON Team</i> | 985 | 178-G8 |
| PHOTOIONIZATION EQUILIBRIUM MODELING OF IRON L LINE EMISSION <i>T. R. Kallman, D. Liedahl, A. Osterheld, W. Goldstein, & S. Kahn</i> | 994 | 179-A6 |
| ERRATA | | |
| SOFT X-RAY OBSERVATIONS OF A COMPLETE SAMPLE OF X-RAY-SELECTED BL LACERTAE OBJECTS <i>Eric S. Perlman, John T. Stocke, Q. Daniel Wang, & Simon L. Morris</i> | 1010 | 179-B12 |
| THE EVOLUTION OF GAMMA-RAY LOUD ACTIVE GALACTIC NUCLEI <i>J. Chiang, C. E. Fichtel, C. von Montigny, P. L. Nolan, & V. Petrosian</i> | 1011 | 179-C2 |